

AMENDMENTS TO THE SPECIFICATION

Please insert the following subtitle at page 1, line 1:

--Field of the Invention--

Please replace the paragraph beginning at page 1, line 3, with the following rewritten paragraph:

--The invention relates to a method and transmission system for coupling each of one or more peripheral devices to a network of distributed antennas wherein each peripheral device can transmit one or more carrier signals, which occupy a different radio frequency band.--

Please insert the following subtitle at page 1, line 7:

--Background--

Please insert the following subtitle at page 2, line 1:

--Summary--

Please delete the paragraph beginning at line 3 and ending at line 5:

Please insert the following subtitle at page 2, line 19:

--Brief Description of the Drawings--

Please insert the following subtitle at page 2, line 37:

--Detailed Description of the Invention--